

SCIENTISTS FOR WIRED TECHNOLOGY

Advocacy based on Scientists' research of the hazards of pulsed, data-modulated, Radiofrequency Microwave Radiation



About

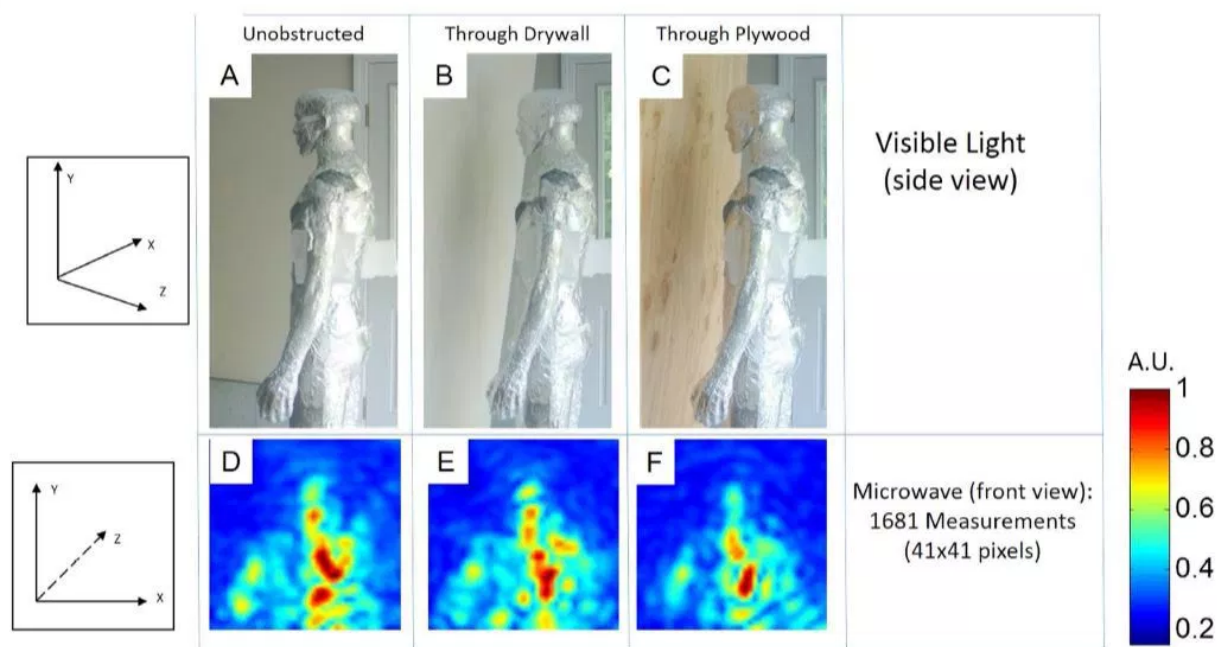


Figure 2. The microwave camera can image at wavelengths which easily penetrate drywall and plywood. In (A–C) an image is taken of a mannequin wrapped in aluminum foil in free-space, placed behind 12.7 mm thick dry-wall, and behind 11.9 mm thick plywood. The mannequin is wrapped in foil in order to approximate the strong reflectivity of the human body²³. The recovered 41 pixel by 41 pixel microwave-photographs are shown below each visible-light image (D–F).

Scientists For Wired Technology is a member organization that seeks to make effective, lasting changes to federal, state and local laws, regulations and practices that will protect people of all ages, and all living organisms from the hazards of continuous exposures to Radio-Frequency Microwave radiation (RF/MW radiation), which is a manmade toxic agent that causes systemic biological damages at levels many thousands of times lower than current U.S. RF/MW radiation exposure guidelines.

Take direct local action at our sister-site, **My Street My Choice!**



The best plan for any City is clearly Fiber to the Premises (FTTP): fiber optic cables to every home that would provide uncapped data download speeds of 1,000 Mbps. Fiber is the most energy-efficient, reliable, secure, safe and democratic way to offer broadband service. With fiber, individual households can choose if they want to run wireless in their homes via Wi-Fi or not.

Many residents choose to not run Wi-Fi and opt-out of PG&E's so-called "Smart Meter program", just as many choose not to smoke cigarettes in their homes and are barred from doing so at local restaurants. **Forcing 24/7/365 grossly-underregulated power levels of pulsed, data-modulated, Radiofrequency Microwave Radiation through one's home from the curb is unconstitutional and undemocratic.** Any City that does this, would degrade to the land of no-choice: forced exposures to hazardous wireless signals everywhere. No City would dream of forcing second-hand cigarette-smoke into their residents' homes 24/7/365. The issue of RF microwave radiation exposures is identical in both lack of freedom and hazard.

In the words of Patrick Shannon: "Do the right thing, protect your residents and avoid our City from becoming the place where democracy goes to die and cell towers metastasize."

Safety

A 2011 article in IEEE Spectrum says that for the World Health Organization, a working group of 31 scientists from 14 countries reviewed the latest research and classified **radiofrequency electromagnetic fields — from any source** — as Group 2B, “possibly carcinogenic to humans based on an increased risk for glioma, a malignant type of brain cancer.” Citing Studies completed from 2011 to 2018, Dr. Lennart Hardell and other members from that committee are calling to **change RF Microwave radiation to Group 1 — a definite human carcinogen**.

Privacy

Governor Brown vetoed California’s 2017 Small Cell Bill (Senate Bill 649), so, fortunately, **all California cities retained their authority to regulate the operations of cell phone towers to protect residents’ constitutionally-guaranteed rights to privacy and safety**. The last CA Cell Tower bill to pass was Assembly Bill 57 in 2015, which granted an exemption to fire stations because the Firefighter’s Unions entered substantial evidence into the public record that **cell towers on or near fire stations caused brain abnormalities in every firefighter examined**.

Property Values

We need to halt this ill-advised Wireless-only project and enter into a public process that delivers the **least intrusive means to get the fastest, most reliable and energy-efficient Internet access (Wireline fiber-optic service to our homes — without data caps)** and to put any new Wireless antennas much farther away from our homes. Cell phone towers installed close to homes significantly reduces property values. A peer-reviewed study published in the 2005 Appraisal Journal, said **homes near cell phone towers are devalued 20% to 25%**.